

Luminaire

Code 90487L060-50

Name TTP 70 LINE L0620 TUP 840 END HO

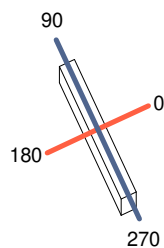
Measurem.

Code 3/7/2023

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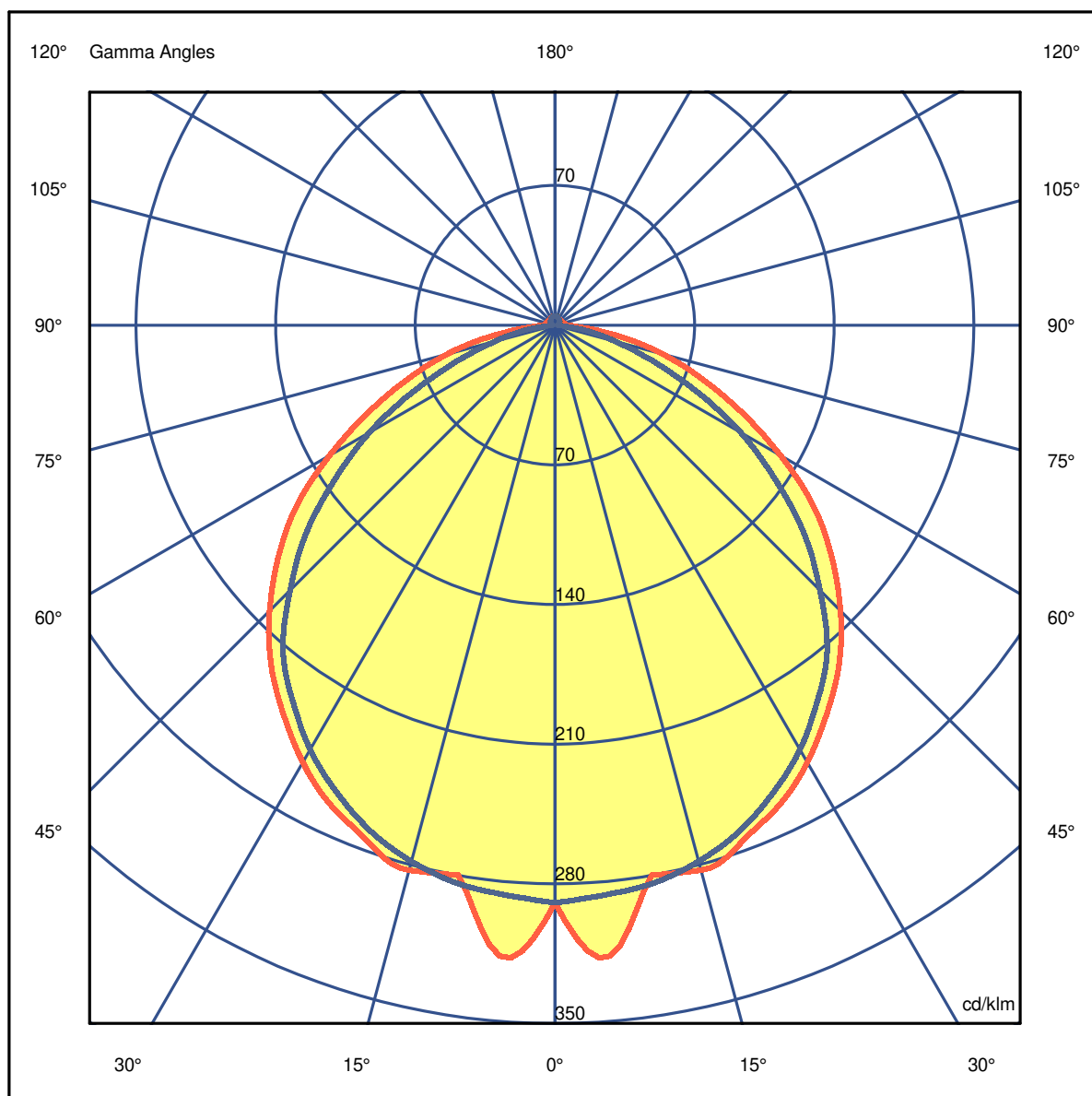
Luminaire Flux	3696 lm	Luminaire Power	26.3 W	Efficacy	140.377 lm/W	Efficiency	85.40%
Source Flux	4328 lm	Maximum value	317.40 cd/klm	Position	C=0.00 G=5.00	CG	Double Symmetrical

620mm x 70mm



C Halfplanes

180.0 ————— 0.0
270.0 ————— 90.0



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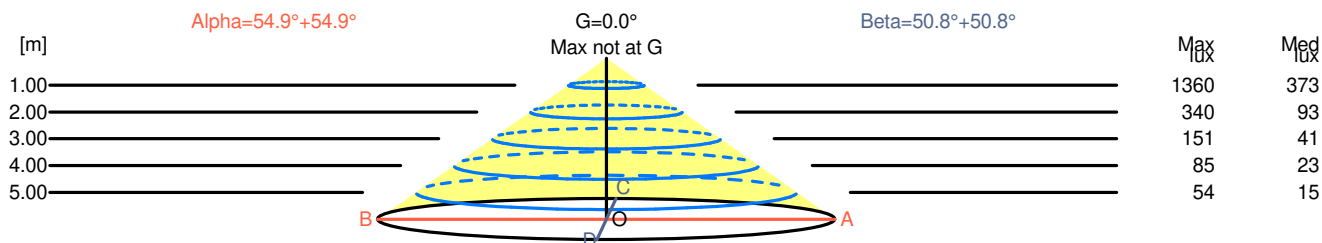
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Luminaire Flux	3696 lm	Luminaire Power	26.3 W	Efficacy	140.377 lm/W	Efficiency	85.40%
Source Flux	4328 lm	Maximum value	317.40 cd/klm	Position	C=0.00 G=5.00	CG	Double Symmetrical

Width at 50.00 % of Max Intensity

H[m]	1.00	2.00	3.00	4.00	5.00	H[m]	1.00	2.00	3.00	4.00	5.00
OA	1.42	2.84	4.26	5.68	7.10	OC	1.23	2.45	3.68	4.91	6.14
OB	1.42	2.84	4.26	5.68	7.10	OD	1.23	2.45	3.68	4.91	6.14

	0	5	15	25	35	45	55	65	75	85
OA	1252.52	1373.71	1223.53	1149.52	1028.33	875.99	684.69	447.08	242.80	63.62
OB	1252.52	1373.71	1223.53	1149.52	1028.33	875.99	684.69	447.08	242.80	63.62
OC	1252.52	1240.40	1204.05	1119.22	993.28	812.80	583.41	337.58	135.03	15.58
OD	1252.52	1240.40	1204.05	1119.22	993.28	812.80	583.41	337.58	135.03	15.58



H[m]	D[m]	Max lux	Med lux	Alpha=54.9°+54.9°	G=0.0 Max not at G	
1.00	2.84	1360	373			
2.00	5.68	340	93			
3.00	8.53	151	41			
4.00	11.37	85	23			
5.00	14.21	54	15			

H[m]	D[m]	Max lux	Med lux	Beta=50.8°+50.8°	G=0.0 Max not at G	
1.00	2.45	1360	373			
2.00	4.91	340	93			
3.00	7.36	151	41			
4.00	9.82	85	23			
5.00	12.27	54	15			

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Luminaire Flux	3696 lm	Luminaire Power	26.3 W	Efficacy	140.377 lm/W	Efficiency	85.40%
Source Flux	4328 lm	Maximum value	317.40 cd/klm	Position	C=0.00 G=5.00	CG	Double Symmetrical

UGR
S = 0.250

Reflectancies										
Ceiling/Cavity	0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
Walls	0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
Working Plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room Dimensions	Lateral View					Viewed Endwise				
x=2H y=2H	21.1	22.4	21.4	22.7	22.9	22.1	23.4	22.4	23.6	23.9
x=2H y=3H	22.1	23.2	22.4	23.5	23.9	23.1	24.2	23.4	24.5	24.9
x=2H y=4H	22.4	23.5	22.8	23.8	24.2	23.3	24.4	23.7	24.8	25.1
x=2H y=6H	22.6	23.6	23.0	24.0	24.3	23.5	24.5	23.8	24.8	25.2
x=2H y=8H	22.7	23.6	23.1	24.0	24.4	23.5	24.4	23.9	24.8	25.2
x=2H y=12H	22.6	23.6	23.1	23.9	24.3	23.4	24.4	23.8	24.7	25.1
x=4H y=2H	21.7	22.7	22.0	23.1	23.4	22.4	23.5	22.8	23.9	24.2
x=4H y=3H	22.8	23.7	23.2	24.1	24.5	23.6	24.5	24.0	24.9	25.3
x=4H y=4H	23.2	24.1	23.7	24.5	24.9	24.0	24.8	24.4	25.2	25.6
x=4H y=6H	23.5	24.2	24.0	24.6	25.1	24.2	24.9	24.6	25.3	25.8
x=4H y=8H	23.6	24.2	24.1	24.7	25.2	24.2	24.9	24.7	25.3	25.8
x=4H y=12H	23.6	24.2	24.1	24.7	25.1	24.2	24.8	24.7	25.2	25.7
x=8H y=4H	23.4	24.1	23.9	24.5	25.0	24.1	24.8	24.6	25.2	25.7
x=8H y=6H	23.8	24.3	24.3	24.8	25.3	24.3	24.9	24.8	25.3	25.9
x=8H y=8H	23.9	24.3	24.4	24.8	25.4	24.4	24.9	24.9	25.4	25.9
x=8H y=12H	23.9	24.3	24.4	24.8	25.4	24.4	24.8	25.0	25.3	25.9
x=12H y=4H	23.4	24.0	23.9	24.5	24.9	24.1	24.7	24.6	25.1	25.6
x=12H y=6H	23.8	24.2	24.3	24.7	25.3	24.4	24.8	24.9	25.3	25.9
x=12H y=8H	23.9	24.3	24.4	24.8	25.4	24.4	24.8	25.0	25.3	25.9

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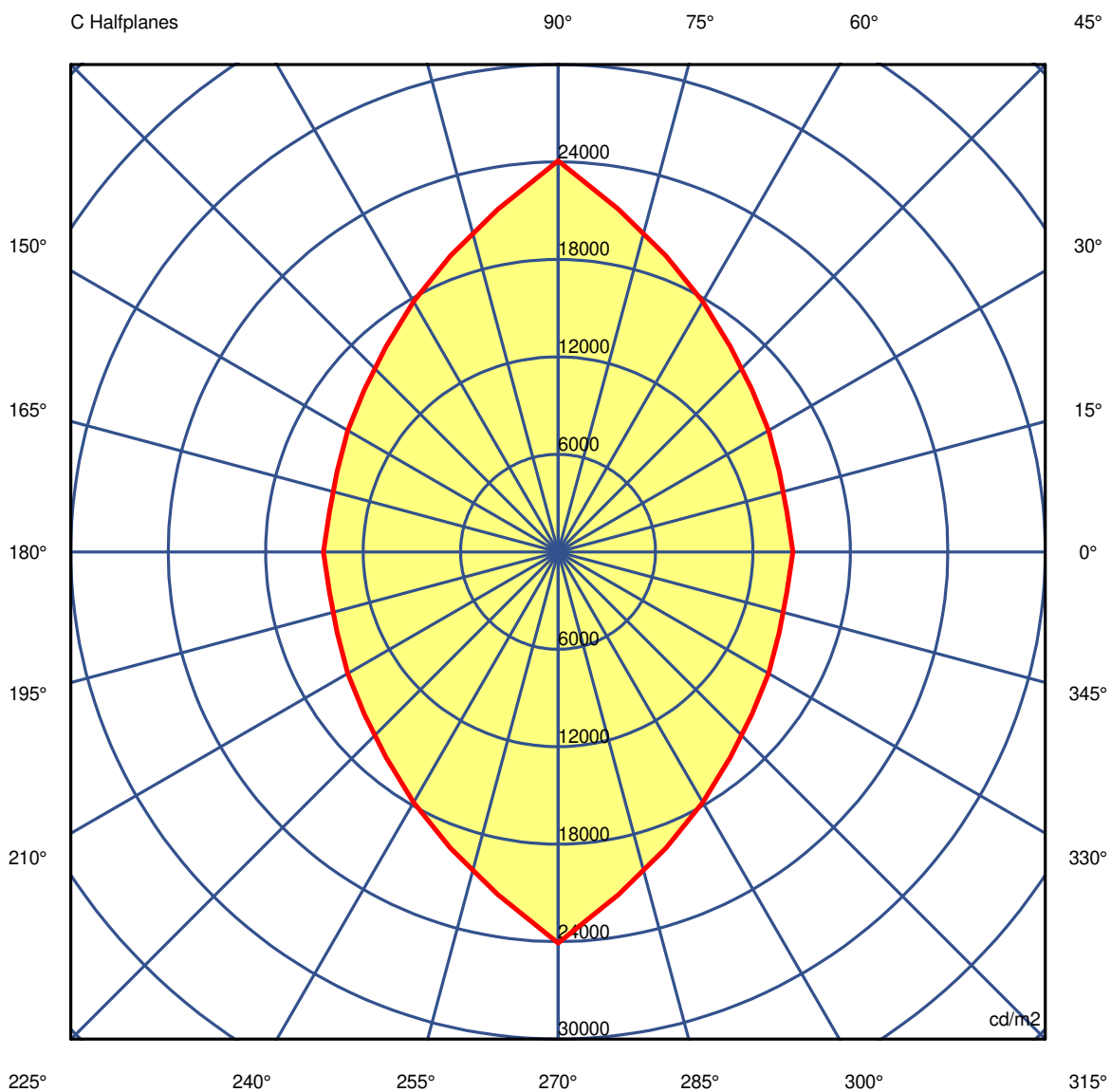
Measurem.

Code 3/7/2023

Name TTP 70 LINE L0620 TUP 840 END HO

Luminaire Flux	3696 lm	Luminaire Power	26.3 W	Efficacy	140.377 lm/W	Efficiency	85.40%
Source Flux	4328 lm	Maximum value	317.40 cd/klm	Position	C=0.00 G=5.00	CG Double Symmetrical	

Luminance



45.0°

Luminaire

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Measurement

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Luminaire Flux		3696 lm		Luminaire Power		26.3 W		Efficacy		140.377 lm/W		Efficiency		85.40%	
Source Flux		4328 lm		Maximum value		317.40 cd/klm		Position		C=0.00 G=5.00		CG		Double Symmetrical	
Luminance cd/m2														Table 1/3	
	C 0.00	C 10.00	C 20.00	C 30.00	C 40.00	C 50.00	C 60.00	C 70.00	C 80.00	C 90.00	C 100.00	C 110.00	C 120.00		
G 0.0	29237	29237	29237	29237	29237	29237	29237	29237	29237	29237	29237	29237	29237	29237	29237
G 5.0	29599	29292	29329	29652	29910	29883	29525	28999	28720	28777	28720	28999	29525	29599	29237
G 10.0	24401	24184	24225	24588	25357	26972	28791	29364	29089	28548	29089	29364	28791	24401	24184
G 15.0	23319	23098	23100	23226	23308	23642	25100	28158	29564	28232	29564	28158	25100	23319	23098
G 20.0	21684	21507	21546	21808	22344	22844	23293	26502	28586	27868	28586	26502	23293	21684	21507
G 25.0	20191	20089	20221	20572	21085	21722	22680	24520	26233	27367	26233	24520	22680	20191	20089
G 30.0	18704	18509	18594	19009	19755	20700	21661	22598	24221	26876	24221	22598	21661	18704	18509
G 35.0	17235	16999	17198	17753	18392	19274	20323	21299	23089	26206	23089	21299	20323	17235	16999
G 40.0	15891	15735	15878	16312	16999	18026	19317	20567	22575	25547	22575	20567	19317	15891	15735
G 45.0	14459	14304	14488	14962	15574	16497	17807	19407	21413	24078	21413	19407	17807	14459	14304
G 50.0	12994	12851	12990	13433	14162	15141	16341	17790	19755	22601	19755	17790	16341	12994	12851
G 55.0	11476	11351	11476	11844	12466	13298	14362	16040	18048	20409	18048	16040	14362	11476	11351
G 60.0	9659	9544	9737	10153	10599	11373	12614	14116	15844	18112	15844	14116	12614	9659	9544
G 65.0	7853	7778	7955	8335	8778	9403	10317	11512	12965	14973	12965	11512	10317	7853	7778
G 70.0	6164	6093	6242	6548	6858	7289	7971	8931	10073	11620	10073	8931	7971	6164	6093
G 75.0	4628	4561	4607	4750	4968	5284	5718	6276	7074	8535	7074	6276	5718	4628	4561
G 80.0	2948	2899	2936	3060	3261	3478	3665	3847	4282	5540	4282	3847	3665	2948	2899
G 85.0	1371	1343	1368	1435	1530	1707	1994	2128	2093	1809	2093	2128	1994	1371	1343
G 90.0	677	674	694	744	830	946	1062	1117	1117	1060	1117	1117	1062	677	674

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Luminaire Flux	3696 lm		Luminaire Power		26.3 W		Efficacy		140.377 lm/W		Efficiency		85.40%	
Source Flux	4328 lm		Maximum value		317.40 cd/klm		Position		C=0.00 G=5.00		CG		Double Symmetrical	
Luminance cd/m2														
Table 2/3														
	C 130.00	C 140.00	C 150.00	C 160.00	C 170.00	C 180.00	C 190.00	C 200.00	C 210.00	C 220.00	C 230.00	C 240.00	C 250.00	
G 0.0	29237	29237	29237	29237	29237	29237	29237	29237	29237	29237	29237	29237	29237	
G 5.0	29883	29910	29652	29329	29292	29599	29292	29329	29652	29910	29883	29525	28999	
G 10.0	26972	25357	24588	24225	24184	24401	24184	24225	24588	25357	26972	28791	29364	
G 15.0	23642	23308	23226	23100	23098	23319	23098	23100	23226	23308	23642	25100	28158	
G 20.0	22844	22344	21808	21546	21507	21684	21507	21546	21808	22344	22844	23293	26502	
G 25.0	21722	21085	20572	20221	20089	20191	20089	20221	20572	21085	21722	22680	24520	
G 30.0	20700	19755	19009	18594	18509	18704	18509	18594	19009	19755	20700	21661	22598	
G 35.0	19274	18392	17753	17198	16999	17235	16999	17198	17753	18392	19274	20323	21299	
G 40.0	18026	16999	16312	15878	15735	15891	15735	15878	16312	16999	18026	19317	20567	
G 45.0	16497	15574	14962	14488	14304	14459	14304	14488	14962	15574	16497	17807	19407	
G 50.0	15141	14162	13433	12990	12851	12994	12851	12990	13433	14162	15141	16341	17790	
G 55.0	13298	12466	11844	11476	11351	11476	11351	11476	11844	12466	13298	14362	16040	
G 60.0	11373	10599	10153	9737	9544	9659	9544	9737	10153	10599	11373	12614	14116	
G 65.0	9403	8778	8335	7955	7778	7853	7778	7955	8335	8778	9403	10317	11512	
G 70.0	7289	6858	6548	6242	6093	6164	6093	6242	6548	6858	7289	7971	8931	
G 75.0	5284	4968	4750	4607	4561	4628	4561	4607	4750	4968	5284	5718	6276	
G 80.0	3478	3261	3060	2936	2899	2948	2899	2936	3060	3261	3478	3665	3847	
G 85.0	1707	1530	1435	1368	1343	1371	1343	1368	1435	1530	1707	1994	2128	
G 90.0	946	830	744	694	674	677	674	694	744	830	946	1062	1117	

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Luminaire Flux	3696 lm	Luminaire Power	26.3 W	Efficacy	140.377 lm/W	Efficiency	85.40%
Source Flux	4328 lm	Maximum value	317.40 cd/klm	Position	C=0.00 G=5.00	CG	Double Symmetrical

Luminance cd/m2 Table 3/3

	C 260.00	C 270.00	C 280.00	C 290.00	C 300.00	C 310.00	C 320.00	C 330.00	C 340.00	C 350.00
G 0.0	29237	29237	29237	29237	29237	29237	29237	29237	29237	29237
G 5.0	28720	28777	28720	28999	29525	29883	29910	29652	29329	29292
G 10.0	29089	28548	29089	29364	28791	26972	25357	24588	24225	24184
G 15.0	29564	28232	29564	28158	25100	23642	23308	23226	23100	23098
G 20.0	28586	27868	28586	26502	23293	22844	22344	21808	21546	21507
G 25.0	26233	27367	26233	24520	22680	21722	21085	20572	20221	20089
G 30.0	24221	26876	24221	22598	21661	20700	19755	19009	18594	18509
G 35.0	23089	26206	23089	21299	20323	19274	18392	17753	17198	16999
G 40.0	22575	25547	22575	20567	19317	18026	16999	16312	15878	15735
G 45.0	21413	24078	21413	19407	17807	16497	15574	14962	14488	14304
G 50.0	19755	22601	19755	17790	16341	15141	14162	13433	12990	12851
G 55.0	18048	20409	18048	16040	14362	13298	12466	11844	11476	11351
G 60.0	15844	18112	15844	14116	12614	11373	10599	10153	9737	9544
G 65.0	12965	14973	12965	11512	10317	9403	8778	8335	7955	7778
G 70.0	10073	11620	10073	8931	7971	7289	6858	6548	6242	6093
G 75.0	7074	8535	7074	6276	5718	5284	4968	4750	4607	4561
G 80.0	4282	5540	4282	3847	3665	3478	3261	3060	2936	2899
G 85.0	2093	1809	2093	2128	1994	1707	1530	1435	1368	1343
G 90.0	1117	1060	1117	1117	1062	946	830	744	694	674